

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	10/784270	US-PGPUB; USPAT	OR	ON	2006/11/21 09:45
S2	1262	((YONG) near2 (PARK)).INV.	US-PGPUB; USPAT	OR	ON	2006/11/21 09:28
S3	2460	((SUNG) near2 (KIM)).INV.	US-PGPUB; USPAT	OR	ON	2006/11/21 09:30
S5	98	(S2 or S3) and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/11/21 09:30
S6	27695	(defect near2 manag\$7) or (temporary near2 defect near2 manag\$7) or "TDMA"	US-PGPUB; USPAT	OR	ON	2006/11/21 09:32
S7	118	(S2 or S3) and S6	US-PGPUB; USPAT	OR	ON	2006/11/21 09:32
S8	76	S5 and S6	US-PGPUB; USPAT	OR	ON	2006/11/21 09:35
S10	6198	(temporary near2 dis\$2 near2 definition near2 structure) or "TDDS" or (dis\$2 near2 definition near2 structure)	US-PGPUB; USPAT	OR	ON	2006/11/21 09:46
S11	941	(temporary near2 defect near2 list) or "TDFL" or "TDL"	US-PGPUB; USPAT	OR	ON	2006/11/21 09:47
S12	3085	(physical near2 sector near2 number) or "PSN"	US-PGPUB; USPAT	OR	ON	2006/11/21 09:54
S13	43791	"369".clas.	US-PGPUB; USPAT	OR	ON	2006/11/21 09:54
S14	358	369/47.14.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/21 09:54
S15	27695	(defect near2 manag\$7) or (temporary near2 defect near2 manag\$7) or "TDMA"	US-PGPUB; USPAT	OR	ON	2006/11/21 09:59
S16	96	S15 and S10 and S11 and S12	US-PGPUB; USPAT	OR	ON	2006/11/21 10:00
S18	6198	(temporary near2 dis\$2 near2 definition near2 structure) or "TDDS" or (dis\$2 near2 definition near2 structure)	US-PGPUB; USPAT	OR	ON	2006/11/21 10:00
S19	941	(temporary near2 defect near2 list) or "TDFL" or "TDL"	US-PGPUB; USPAT	OR	ON	2006/11/21 10:00
S20	3085	(physical near2 sector near2 number) or "PSN"	US-PGPUB; USPAT	OR	ON	2006/11/21 10:00
S21	27695	(defect near2 manag\$7) or (temporary near2 defect near2 manag\$7) or "TDMA"	US-PGPUB; USPAT	OR	ON	2006/11/21 10:05
S22	9	S21 same S18 same S19 same S20	US-PGPUB; USPAT	OR	ON	2006/11/21 10:02
S23	18	S21 same S18 same S20	US-PGPUB; USPAT	OR	ON	2006/11/21 10:02
S24	26586	(defect near2 manag\$7 near2 area) or (temporary near2 defect near2 manag\$7 near2 area) or "TDMA"	US-PGPUB; USPAT	OR	ON	2006/11/21 10:05

## EAST Search History

S25	414	plurality near2 ((defect near2 manag\$7 near2 area) or (temporary near2 defect near2 manag\$7 near2 area) or "TDMA")	US-PGPUB; USPAT	OR	ON	2006/11/21 10:06
S26	14978	(plurality or multiple or various or two or second or first or third or dual) near2 ((defect near2 manag\$7 near2 area) or (temporary near2 defect near2 manag\$7 near2 area) or "TDMA")	US-PGPUB; USPAT	OR	ON	2006/11/21 10:07
S29	31	S25 same S18	US-PGPUB; USPAT	OR	ON	2006/11/21 10:11
S30	5	S29 and (S20 or (locator near2 information))	US-PGPUB; USPAT	OR	ON	2006/11/21 10:09
S31	650	S26 same S18	US-PGPUB; USPAT	OR	ON	2006/11/21 10:12
S33	43791	"369".clas	US-PGPUB; USPAT	OR	ON	2006/11/21 10:12
S34	51	S31 and S33	US-PGPUB; USPAT	OR	ON	2006/11/21 10:17
S35	606831	((continu\$7 near2 updat\$4) or counter)	US-PGPUB; USPAT	OR	ON	2006/11/21 10:18
S36	208	S35 with (S21 or S24)	US-PGPUB; USPAT	OR	ON	2006/11/21 10:19
S37	16	S36 and S33	US-PGPUB; USPAT	OR	ON	2006/11/21 10:19
S38	1	"1152414"	EPO	OR	ON	2006/11/21 10:23
S39	352284	updat\$4	US-PGPUB; USPAT	OR	ON	2006/11/21 13:39
S40	62751	DMA or TDMA or defect\$4 adj manage\$4 adj (area or region or infor\$9 or data)	US-PGPUB; USPAT	OR	ON	2006/11/21 13:40
S41	1313	S39 near8 S40	US-PGPUB; USPAT	OR	ON	2006/11/21 13:40
S42	616127	definition or temporary	US-PGPUB; USPAT	OR	ON	2006/11/21 13:40
S43	134	S41 same S42	US-PGPUB; USPAT	OR	ON	2006/11/21 13:40
S44	678712	counter or counting	US-PGPUB; USPAT	OR	ON	2006/11/21 13:40
S45	11	S43 same S44	US-PGPUB; USPAT	OR	ON	2006/11/21 13:48
S46	173282	eject\$4	US-PGPUB; USPAT	OR	ON	2006/11/21 13:41
S47	10	S43 same S46	US-PGPUB; USPAT	OR	ON	2006/11/21 13:50
S48	3874608	interval or time or period	US-PGPUB; USPAT	OR	ON	2006/11/21 13:41
S49	57	S43 same S48	US-PGPUB; USPAT	OR	ON	2006/11/21 14:14

## EAST Search History

S50	358	369/47.14.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/21 13:41
S51	259	369/53.17.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/21 13:41
S52	482	S50 or S51	US-PGPUB; USPAT	OR	ON	2006/11/21 13:42
S53	40	S43 and S52	US-PGPUB; USPAT	OR	ON	2006/11/21 13:51
S55	83	S45 or S47 or S49 or S53	US-PGPUB; USPAT	OR	ON	2006/11/21 13:43
S56	51	S43 not S55	US-PGPUB; USPAT	OR	ON	2006/11/21 14:18
S57	17	"6564345"	US-PGPUB; USPAT	OR	ON	2006/11/21 16:00
S58	223365	eject\$4 or ((terminat\$4 or end\$4 or stop\$4) near2 (record\$4 or writ\$4))	US-PGPUB; USPAT	OR	ON	2006/11/21 16:08
S59	27695	(defect near2 manag\$7) or (temporary near2 defect near2 manag\$7) or "TDMA"	US-PGPUB; USPAT	OR	ON	2006/11/21 16:01
S60	26586	(defect near2 manag\$7 near2 area) or (temporary near2 defect near2 manag\$7 near2 area) or "TDMA"	US-PGPUB; USPAT	OR	ON	2006/11/21 16:01
S61	609	S58 same (S40 or S59 or S60)	US-PGPUB; USPAT	OR	ON	2006/11/21 16:02
S62	317	S58 with (S40 or S59 or S60)	US-PGPUB; USPAT	OR	ON	2006/11/21 16:08
S63	77	S62 and "369".clas.	US-PGPUB; USPAT	OR	ON	2006/11/21 16:02
S64	205286	eject\$4 or ((terminat\$4 or end\$4 or stop\$4) near2 record\$4)	US-PGPUB; USPAT	OR	ON	2006/11/21 16:08
S65	23	S64 with (updat\$4 near2 (S40 or S59 or S60))	US-PGPUB; USPAT	OR	ON	2006/11/21 16:10
S66	33	S64 with (updat\$4 with (S40 or S59 or S60))	US-PGPUB; USPAT	OR	ON	2006/11/21 16:10
S67	10	S66 not S65	US-PGPUB; USPAT	OR	ON	2006/11/21 16:10

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	25865	(temporary near2 defect near2 management near2 area) or "TDMA"	US-PGPUB; USPAT	OR	ON	2006/11/22 13:55
S2	96485	(dis\$2 near2 definition near2 structure) or "DDS"	US-PGPUB; USPAT	OR	ON	2006/11/22 13:49
S3	31065	(continu\$7 or repeat\$7) near2 (updat\$4 or renew\$4)	US-PGPUB; USPAT	OR	ON	2006/11/22 13:51
S4	1793	defect near2 management	US-PGPUB; USPAT	OR	ON	2006/11/22 13:50
S8	5	S3 with S4	US-PGPUB; USPAT	OR	ON	2006/11/22 13:51
S11	167	(updat\$4 or renew\$4) near2 S4	US-PGPUB; USPAT	OR	ON	2006/11/22 13:52
S13	37	S11 and S1 and S2	US-PGPUB; USPAT	OR	ON	2006/11/22 13:53
S14	168	S1 same S2	US-PGPUB; USPAT	OR	ON	2006/11/22 13:56
S15	59	S14 and "369" clas	US-PGPUB; USPAT	OR	ON	2006/11/22 13:57
S16	358	369/47.14.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/22 13:56
S17	259	369/53.17.ccls.	US-PGPUB; USPAT	OR	ON	2006/11/22 13:56
S18	53	S1 and S16	US-PGPUB; USPAT	OR	ON	2006/11/22 13:56
S19	28	S1 and S17	US-PGPUB; USPAT	OR	ON	2006/11/22 13:56
S20	589256	counter	US-PGPUB; USPAT	OR	ON	2006/11/22 13:57
S21	3085	"PSN" or (physical near2 sector near2 number)	US-PGPUB; USPAT	OR	ON	2006/11/22 13:58
S22	4	S1 and S2 and S20 and S21	US-PGPUB; USPAT	OR	ON	2006/11/22 13:59
S23	77	S1 and S2 and S21	US-PGPUB; USPAT	OR	ON	2006/11/22 14:27
S24	69	S23 and update	US-PGPUB; USPAT	OR	ON	2006/11/22 14:27
S25	854	defect near2 management near2 (information or data)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:38
S26	96609	(dis\$2 near2 definition near2 structure) or "DDS"	US-PGPUB; USPAT	OR	ON	2006/11/26 15:38
S27	140	update near2 (S25 or S26)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:38

## EAST Search History

S28	8	S27 with (eject or terminat\$4 or end\$4 or ((eject or terminat\$4 or end\$4) near2 (record\$4 or writ\$4)))	US-PGPUB; USPAT	OR	ON	2006/11/26 15:40
S29	3584547	(eject or terminat\$4 or end\$4 or ((eject or terminat\$4 or end\$4) near2 (record\$4 or writ\$4)))	US-PGPUB; USPAT	OR	ON	2006/11/26 15:42
S30	25902	(temporary near2 defect near2 management near2 area) or "TDMA"	US-PGPUB; USPAT	OR	ON	2006/11/26 15:41
S31	2502	S29 with (S26 or S30)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:42
S32	3602610	(eject or terminat\$4 or end\$4 or ((eject or terminat\$4 or end\$4 or after) near2 (record\$4 or writ\$4)))	US-PGPUB; USPAT	OR	ON	2006/11/26 15:48
S33	2545	S32 with (S26 or S30)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:42
S34	1037	S32 near5 (S26 or S30)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:43
S35	705	S32 near3 (S26 or S30)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:44
S36	411	S32 near2 (S26 or S30)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:48
S37	51	S35 and "369".clas	US-PGPUB; USPAT	OR	ON	2006/11/26 16:07
S38	172858	(eject or ((eject or terminat\$4 or end\$4 or after or stop\$4) near2 (record\$4 or writ\$4)))	US-PGPUB; USPAT	OR	ON	2006/11/26 15:48
S39	51	S38 near2 (S26 or S30)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:49
S40	21	S39 not S37	US-PGPUB; USPAT	OR	ON	2006/11/26 15:48
S41	137	S38 with (S26 or S30)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:52
S42	90	S41 and ("369".clas. or "714".clas.)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:52
S43	40	S42 not (S39 or S37)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:50
S44	278	S38 same (S26 or S30)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:52
S45	188	S44 not S42	US-PGPUB; USPAT	OR	ON	2006/11/26 15:52
S46	59	S45 and ("369".clas. or "714".clas.)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:55
S47	3098	(physical near2 sector near2 number) or "PSN"	US-PGPUB; USPAT	OR	ON	2006/11/26 15:59
S48	590068	counter or (updat\$4 near2 defect near2 management) or (updat\$4 near2 counter)	US-PGPUB; USPAT	OR	ON	2006/11/26 15:58

## EAST Search History

S49	0	S47 with S48 with S26	US-PGPUB; USPAT	OR	ON	2006/11/26 15:59
S50	4	S47 same S48 same S26	US-PGPUB; USPAT	OR	ON	2006/11/26 15:59
S51	20	"6742147" "6732303" "6564338" "6338153" "6621782" "6522609" "6496460"	US-PGPUB; USPAT	OR	ON	2006/11/26 16:33
S52	2	10/638551	US-PGPUB; USPAT	OR	ON	2006/11/26 16:33
S55	8	10/670363	US-PGPUB; USPAT	OR	ON	2006/11/26 16:34